Listing of Claims:

1.   (Currently Amended) A method for upgrading code of an appliance comprising:

storing a boot system program in a first portion of a nonvolatile memory device;

storing an application program in a second portion of said nonvolatile memory device, said boot system program being operable when executed to restore said appliance and said application program being operable when executed to operate said appliance;

receiving signals from an interface circuit;

performing input/output decoding on said signals received by said interface circuit;

loading an upgraded application program from a source external of said appliance to a volatile memory device upon a reception of a rewriting command; and

~~erasing an application ware stored in a nonvolatile memory device; and~~

writing the contents of said upgraded application program to said second portion of said nonvolatile memory device in accordance with said upgraded application program ~~after erasing said application ware stored in said nonvolatile memory device~~.

2.   (Original) The method for upgrading code of an appliance of claim 1, further comprising, determining said signals received by said interface circuit whether said rewriting command has been received.

3.   (Original) The method for upgrading code of an appliance of claim 1 wherein said appliance is a DVD product.

4.   (Original) The method for upgrading code of an appliance of claim 1, wherein said interface circuit is an ATAPI interface circuit.

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5.   (Currently Amended) A method for upgrading code of an appliance comprising:

storing a first program in a first portion of a nonvolatile memory device;

storing a second program in a second portion of said nonvolatile memory device, said first program being operable when executed to restore said appliance and said second program being operable when executed to operate said appliance;

receiving signals from an interface circuit;

performing input/output decoding on said signals received by said interface circuit;

loading [[a]] said first program stored in [[a]] said first portion of [[a]] said nonvolatile memory device to a volatile memory device upon reception of a restoring command;

executing said first program loaded in said volatile memory device; and

loading a valid second program into said volatile memory device;

wherein said valid second program is provided from a source external of said appliance.

6.   (Original) The method for upgrading code of an appliance of claim 5, further comprising, determining said signals received by said interface circuit whether said restoring command has been received.

7.   (Original) The method for upgrading code of an appliance of claim 6, wherein said first program comprises an interface circuit driver and a file system code.

8.   (Original) The method for upgrading code of an appliance of claim 7, further comprising,

initializing said interface circuit by executing said interface circuit driver; and

executing said file system code.

9.   (Original) The method for upgrading code of an appliance of claim 8, further comprising,

loading an upgraded second program from a source external of said appliance to said volatile memory device upon reception of rewriting command;

erasing said second program stored in said second portion of said nonvolatile memory device;

writing the contents of said upgraded second program to said second portion of said nonvolatile memory device in accordance with said upgraded second program after erasing said second program stored in said second portion.

10.   (Original) The method for upgrading code of an appliance of claim 5, wherein said appliance is a DVD product.

11.   (Original) The method for upgrading code of an appliance of claim 5, wherein said interface circuit is an ATAPI interface circuit.

12.   (Currently Amended) A method for upgrading code of an appliance comprising,

storing a first program in a first portion of a nonvolatile memory device;

storing a second program in a second portion of said nonvolatile memory device, said first program being operable when executed to restore the appliance and said second program being operable when executed to operate the appliance;

receiving signals from a ATAPI circuit;

performing input/output decoding on said signals received by said ATAPI circuit to determine whether a rewriting command has been received or a restoring command has been received;

in the event of reception of said rewriting command , loading an upgraded second program to a volatile memory device, erasing [[a]] said second program stored in [[a]] said second portion of [[a]] said nonvolatile memory device and writing the contents of said upgraded second program to said second portion of said nonvolatile memory device in accordance with said upgraded second program; and

in the event of reception of said restoring command , loading [[a]] said first program stored in [[a]] said first portion of [[a]] said nonvolatile memory device to a volatile memory device upon a restoring application operation received, initializing interface circuit, executing file system, reading a valid second program through said ATAPI circuit, loading said valid second program into said volatile memory device;

wherein said valid second program is provided from an optical disk.

13.   (Currently Amended) The method for upgrading code of an appliance of claim 1[[4]]2, further comprising,

checking a validity of said second program provided from said source external of said appliance; and

when an invalid second program is provided, waiting for said valid second program.

14.   (Currently Amended) The method for upgrading code of an appliance of claim 1[[4]]2, wherein said nonvolatile memory device is a Flash memory device.